

**Yale SCHOOL OF MEDICINE**

*Department of Surgery*

**Section of Cardiac Surgery**

**JOHN A. ELEFTERIADES, MD**

*William W. L. Glenn Professor  
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*Director, Aortic Institute at  
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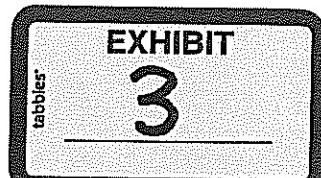
**Dear Attorney Anderson:** As we discussed on the phone, I reviewed the records you provided on Mr. Jan Edwards. These records included initially the hospital records from the pertinent evaluations and admissions, and more recently, the EKGs (baseline from 09 Jan 2002 and acute evaluation 27 Nov 2011.

I do feel that the diagnosis of myocardial infarction was missed, leading to delayed treatment and, ultimately, severe depression of left ventricular function with end-stage cardiomyopathy.

The EKG provided shows changes from baseline and raises suspicion of an acute infarction.

I understand that the patient has been investigated for cardiac transplantation.

You inquired about the costs for such a procedure and for drug therapy following successful transplantation. In this regard, I provide below some very recent statistics which speak directly to these cost issues.

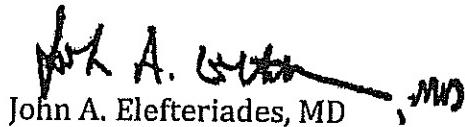


## Estimated U.S. Average 2011 Billed Charges Per Transplant

				180 Days			
30 Days		Hospital	Physicia	Post-	transpla	nt	
Transpla	nt	Transpla	n	During	nt	Immuno-	transplant
nt	nt	Procureme	Admissio	Transpla	Admissi	s	Total
Heart Only	\$47,200	\$80,400	\$634,300	\$67,700	\$137,800	\$30,300	\$997,700

<http://www.transplantliving.org/before-the-transplant/financing-a-transplant/the-costs/>

Sincerely,



John A. Elefteriades, MD



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## Costs

The cost of a transplant, including preliminary testing, the surgery itself and post-operative recovery costs vary across the country and depend on the hospital and organ type. These costs start to add up, even before your transplant. Therefore, patients commonly rely on several sources to help pay for their medical and non-medical costs of pre- and post-transplantation.

### Medical Costs

Medical costs include:

- insurance deductibles
- insurance co-pays
- pre-transplant evaluation and testing
- surgery
- fees for the recovery of the organ from the donor
- follow-up care and testing
- additional hospital stays for complications
- fees for surgeons, physicians, radiologist, anesthesiologist and recurrent lab testing
- anti-rejection and other drugs, which can easily exceed \$2,500 per month
- rehabilitation

### Non-Medical Costs

Non-medical costs include:

- food, lodging and long distance phone calls for you and your family
- transportation, to and from your transplant center, before and after your transplant
- plane travel to get to your transplant hospital quickly
- child care

- lost wages if your employer does not pay for the time you or a family member spends away from work
- If your transplant center is not close to your home, lodging close to the center before and after your surgery. Some centers offer free or low-cost hospitality houses for you and your family.

### Estimated U.S. Average 2011 Billed Charges Per Transplant

Transplant	30 Days		Hospital	Physician	180 Days		Immunosuppressants	Total
	Pre-transplant	Procurement	Transplant Admission	During Transplant	Post-transplant	Admission		
Heart Only	\$47,200	\$80,400	\$634,300	\$67,700	\$137,800		\$30,300	\$997,700
Single Lung	\$10,300	\$73,100	\$302,900	\$33,500	\$117,700		\$23,700	\$561,200
Double Lung	\$21,400	\$90,300	\$458,500	\$56,300	\$142,600		\$28,200	\$797,300
Heart-Lung	\$56,800	\$130,500	\$777,700	\$81,000	\$169,100		\$33,300	\$1,148,400
Liver	\$25,400	\$71,000	\$316,900	\$46,600	\$93,900		\$23,300	\$577,100
Kidney	\$17,000	\$67,200	\$91,200	\$18,500	\$50,800		\$18,200	\$262,900
Pancreas	\$17,000	\$65,000	\$108,900	\$17,800	\$61,400		\$19,300	\$289,400
Intestine	\$55,100	\$78,500	\$787,900	\$104,100	\$146,600		\$34,600	\$1,206,800

[View a detailed research report about specific organ transplant costs now >](#)

### [Reference and Publication Information >](#)

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### Did you know?

Most transplant programs have social workers and financial coordinators who can help you with the financial details of your transplant. Depending on the structure at your center, one or both will help you develop a strategy.

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**CURRICULUM VITAE**  
**John Alex Elefteriades, M.D.**

**Born:** Philadelphia, Pennsylvania

**Education:** B.A. 1972 Yale University (magna cum laude)  
New Haven, Connecticut

M.D. 1976 Yale University School of Medicine  
New Haven, Connecticut

**Board Certification:**

1982 American Board of Surgery  
1985 American Board of Thoracic Surgery, Recertified 1995

**Licensure:**

1979 Connecticut #021683

**Postdoctoral Training:**

1976 – 1980 Resident in Surgery  
Yale-New Haven Hospital

1980 – 1981 Chief Resident in Surgery  
Yale-New Haven Hospital

1981 – 1982 Resident in Cardiothoracic Surgery  
Yale-New Haven Hospital

1982 – 1983 Chief Resident in Cardiothoracic Surgery  
Yale-New Haven Hospital

**Academic Appointments:**

1980 – 1982 Instructor in Surgery  
Yale University School of Medicine

1983 – 1988 Assistant Professor of Surgery  
Yale University School of Medicine

1988 – 1993 Associate Professor of Surgery  
Yale University School of Medicine

1993-present Professor of Surgery  
Yale University School of Medicine

Curriculum Vitae  
J.A. Elefteriades, M.D.

**Administrative Positions:**

- 1984 – 1986 Chief, Cardiothoracic Surgery  
West Haven Veterans Admin. Hospital
- 1991 – 1995 Director of Surgical Electrophysiology and Mechanical Devices  
Yale University School of Medicine
- 1991- 1995 Director of Adult Cardiac Procedures  
Yale University School of Medicine
- 1995- present Chief, Section of Cardiothoracic Surgery  
Yale University School of Medicine
- Program Director, Thoracic Surgery Residency Program  
Yale-New Haven Medical Center

**Committees:**

- 1993- present Yale University School of Medicine, Surgical Education Committee
- 1993-1994 Yale-New Haven Hospital, Operating Room Access Committee
- 1993 Yale University School of Medicine, Board of Permanent Officers
- 1994 Yale University School of Medicine, Anesthesiology Search Committee
- 1994 Yale-New Haven Hospital, Surgery Departmental Committee
- 1995 Yale Surgical Society, Board of Directors
- 1995 Yale University School of Medicine - Task Force on Biotechnology Development
- 1995 International College of Angiology, Co-Chairman of the Scientific Council
- 1995 Scientific Advisory Board Member for 4th World Congress on Heart Failure -Mechanisms and Management, Jerusalem, Israel, May, 1996
- 1995 4th World Congress on Heart Failure - Mechanisms and Management, Jerusalem, Israel, May, 1996, Scientific Advisory Board Member
- 1996-1999 Yale University School of Medicine - Term Appointments and Promotions Committee
- 1996-1999 American Association of Thoracic Surgeons, Young Members Advisory Group Committee
- 1997 Writing Committee for Adult Cardiac Surgery for SESATS VII
- 1997 6th World Congress on Heart Failure, Geneva, Switzerland, May, 1998, Scientific Executive Committee
- 1997 Scientific Executive Committee, International Academy of Cardiology, Inc.
- 1999 Scientific Executive Committee, 1<sup>st</sup> International Congress on Heart Disease, International Academy of Cardiology, Washington, DC, May, 1999.
- 1999-2002 Cardiovascular Surgery Committee, American College of Cardiology
- 1999-present Yale-New Haven Hospital Heart Center Planning Committee
- 1999-present Yale-New Haven Hospital Heart Center Executive Committee
- 1999-present Yale-New Haven Hospital Heart Center CT Surgery Committee

Curriculum Vitae  
J.A. Elefteriades, M.D.

1999-present Yale-New Haven Hospital Heart Center Atrial Fibrillation Committee

Committees (cont.):

2000	Scientific Executive Committee, 7 <sup>th</sup> World Congress on Heart Failure-Mechanisms & Management
2001	Scientific Executive Committee, International Society of Heart Failure
2000	International Scientific Committee, 2 <sup>nd</sup> International Meeting of the Onassis Surgery Center, Athens, Greece, December 2000
2001	Abstract Review Committee, International Society of Heart Failure, Vancouver, BC, Canada, July 2000
2001-2004	Board of Directors, American Heart Association Heritage Affiliate
2002-2005	Board of Governor's State Advocacy Committee, American College of Cardiology
2002	Chairman, Evarts A. Graham Memorial Traveling Fellowship Committee, The American Association for Thoracic Surgery
2003	Yale-New Haven Hospital Rajinder S. Sikand Visiting Professor Selection Committee

**Clinical Advisory Boards:**

Baxter Healthcare Corporation  
U.S. Surgical Corporation  
Medical Advisory Board for *Intima*: McMahon Publishing Group  
Janssen Pharmaceutical  
Nutrition Superstores.com, Inc.  
Meditor Pharmaceuticals, Inc.

**Professional Honors and Recognition:**

1985	Ferraiolo-Glenn Research Award
1991	Harvard Technical Expert Review Panel
1995	The Best Doctors in America - Woodward/White Survey
1995	Saybrook College (Yale University), Fellow
1996-97	The Best Doctors in America/Northeast Region - Woodward/White Survey
1997	How to Find the Best Doctors: New York Metro Area published by Castle, Connolly Medical Ltd.
1997	International Congress on Thorax Surgery Award for Excellence in Scientific Contributions
1997	International College of Angiology, Certificate of Appreciation
1998	President-elect, Connecticut Chapter of American College of Cardiology
1998	Board of Directors, American Heart Association Heritage Affiliate
1999	Board of Governors, American College of Cardiology
1999	President/Governor, Connecticut Chapter of the American College of Cardiology
1999	The National Registry of Who's Who, Millennium Issue 2000, Lifetime Member

Curriculum Vitae  
J.A. Elefteriades, M.D.

2001, 2002      The Best Doctors in New York: New York Metro Area published by Castle Connolly Medical Ltd.  
2001              America's Top Doctors: New York Metro Area published by Castle, Connolly Medical Ltd.  
2002              New York Magazine: New York's Top 100 Minimally Invasive Surgeons.  
                    Castle, Connolly Medical Ltd.  
2002              New York Magazine: New York's Top Doctor in Thoracic Surgery.  
                    Castle, Connolly Medical Ltd.  
2002              Best Doctors in America  
2002              Editorial Board Member, the American Journal of Cardiology.  
1999-2003          Evarts A. Graham Memorial Traveling Fellowship  
2002-2004          Secretary, International College of Angiology

**Invited Reviewer:**

Annals of Thoracic Surgery  
American Journal of Cardiology  
Cardiology Clinics (Guest Editor)  
CHEST  
The Journal of Thoracic and Cardiovascular Surgery  
Southern Medical Journal  
British Heart Journal  
The Lancet  
American College of Cardiology: Adult Cardiothoracic Surgery  
Valvular Surgery  
Functional Electrical Stimulation Research Guide 2000  
(Technical Reviewer)

**Editorial Boards:**

Video Journal of Cardiothoracic Surgery, Editor-in-Chief, 1995-present  
International Journal of Angiology, 1995-present  
Journal of Clinical and Basic Cardiology, 1997-present  
Int'l Academy of Cardiology-The Journal of Heart Disease, 1999-present  
The Journal of Heart and Lung Transplantation, 1999-present  
Journal of Heart Failure, 2000-present  
American Journal of Cardiology, 2002-present  
Senior Editor, International Journal of Angiology, 2002

**Society Memberships:**

American Association for Thoracic Surgery  
American College of Angiology

**Society Memberships (cont.)**

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Curriculum Vitae  
J.A. Elefteriades, M.D.

American College of Cardiology  
American College of Chest Physicians  
American Medical Association  
Association for Academic Surgery  
Connecticut Chapter American College of Surgeons  
Connecticut Society of American Board of Surgeons  
Connecticut State Medical Society  
Fellow American College of Surgeons  
International College of Angiology  
International Functional Electrical Stimulation Society, Inc.  
International Society of Heart Failure  
International Society for Heart and Lung Transplantation  
New England Surgical Society  
New Haven County Medical Association  
New York Society for Thoracic Surgery  
Society of Thoracic Surgeons  
Southern Connecticut Regional Board of the American Heart Association

**Professional Positions and Visiting Appointments:**

- |      |  |
|------|--|
| 1991 | Visiting Professor of Surgery, University of Athens  |
| 1997 | Visiting Professor, Nassar Institute, Cairo, Egypt   |
| 1997 | Honorary Lecturer, Alpe Adria Congress of Cardiology   |
| 1997 | Cardiac Surgery for the Next Millennium, Co-President, Athens  |
| 1997 | Visiting Professor, University of Wales, Cardiff, UK   |
| 1997 | Visiting Professor, Saitama Medical School, Tokyo, Japan   |
| 1997 | Visiting Professor, Juntendo University School of Medicine, Fuji, Japan                                      |
| 1997 | Visiting Professor, Yokohama City University School of Medicine<br>Yokohama, Japan                           |
| 1998 | Honorary Lecturer, Japanese Society for Cardiovascular Surgery   |
| 1999 | Visiting Professor, Amsterdam, The Netherlands   |
| 1999 | Regional Advisor, The Thoracic Surgery Foundation for Research and<br>Education Lifetime Membership Campaign |
| 2000 | Professor, Surgical Center of Amsterdam  |
| 2003 | Stanley L. Brockman Visiting Professor, MCP Hahnemann Medical Center,<br>Philadelphia, PA                    |
| 2002 | Elected as Secretary of the International College of Angiology.  |

**Research Grants:**

- |             |  |
|-------------|--|
| 1984 - 1985 | USPHS Grant. (HL04651) (Co-investigator), "Electrophrenic respiration by<br>radiofrequency stimulation of conditioned diaphragm" |
| 1984 - 1985 | OHSE Grant, "24-hour preservation of the heart in isotonic fluid"  |
| 1984 - 1985 | Ferraiolo Foundation, "Prolonged heart preservation for transplantation"   |

Curriculum Vitae  
J.A. Elefteriades, M.D.

**Research Grants:**

- |             |  |
|-------------|--|
| 1988 - 1994 | Medtronic, Inc., "Skeletal muscle cardiac assistance"  |
| 1993 - 1994 | Anita Vanni Vitale Foundation, "Experimental model of aortic dissection"   |
| 1994 - 1995 | Acculase, Inc., "Transmyocardial laser revascularization"  |
| 1997 - 1999 | American Heart Association, "Screening for familial patterns of thoracic aortic aneurysms"   |
| 1999 -      | American Heart Association, Preceptor for Student Scholar in Cardiovascular Disease and Stroke, "Cerebrovascular complications of aortic surgery: incidence, pathophysiology and identification of risk factors" |

**Mentor for Student Thesis Projects**

- |                        |   |
|------------------------|---|
| -Mark Jones            | MVR in low EF patients  |
| --David Meyer          | AVR in low EF patients  |
| --Joy Weinberg         | Vein graft arteriosclerosis   |
| --Mark Homicz          | Endothelialization of skeletal muscle ventricles.   |
| --Sharam Salami        | Reduction ventriculoplasty  |
| --Marlon Miragh        | Minimally invasive CABG.  |
| --Lee Akst             | Cardiomyoplasty   |
| --Chris Arts           | Paraplegia in Diaphragm Pacing Patients   |
| --Lee Goldstein        | Stroke in Aortic Surgery  |
| --Ryan Davies          | Aneurysm Study (Thesis selected for honors)   |
| --Felix Adler          | Cardiac artistic drawings for presentations and publications  |
| --Biren Modi           | NOGA – Aortic Thrombus  |
| --Christine Rodham, PA | Does Angina Reoccur in the Denervated Heart?  |
| --Debra Strigun, PA    | The Effects of Preoperative Arterial Carbon Dioxide Retention on Outcomes in Coronary Artery Bypass Surgery |
| --Raymond Lynch        | Penetrating Ulcer and Intramural Hematoma   |

**References in Newspapers/ Magazines:**

- The Greeks in America. Jones JC. Lerner Publications Company, Minneapolis, MN, 1990
- The Women's Heart Book. Pashkow FJ, Libov C. Penguin Books, New York, 1993.
- After Surgery, an answer to "why me?" New Haven Register, September 10, 1995
- The Apocalypse Watch. Robert Ludlum. Bantam Books, New York, 1995.

**References in Newspapers/ Magazines (cont):**

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J.A. Elefteriades, M.D.

Hearts at Risk. National Public Television, 1995.

Heilschnitt ins Herz. Der Spiegel 26, 1996, (Germany).  
Brazil Surgeon Develops a Bold, Promising Operation for Patients with Heart Failure.  
The New York Times, June 14, 1996.

Best Docs. Who MD's call when they need a doctor. Connecticut Magazine, July, 1996

Procedure offers slice of hope. Heart surgery aids Bridgeport man. Connecticut Post,  
September 1, 1996.

A woman today. Ladies Home Journal. December, 1996.

Days away from death. Westerly doctor's astute diagnosis saves woman. New London Day,  
January 26, 1998.

Freezing to 'death' gives dentist new life. New Haven Register, June 18, 1998.

'I refuse to give up hope.' Bethal woman, family wait in earnest for a heart transplant. The  
News-Times, July 14, 1998.

Mechanical heart buys man time. New Haven Register, September 12, 1998.

Doctors Test New Heart Remedy: Transplant Method Combines Donor Heart With Patient's.  
Hartford Courant, Sunday July 2, 2000.

Yale-New Haven reveals new transplant approach. Associated Press Release. July 3, 2000.

Job: Yale surgeon's unorthodox heart transplant technique could save lives. New Haven  
Register. August 31, 2000.

Experimental Heart-Transplant Technique Shows Promise. To Your Health, A Special  
Advertising Supplement to the New York Times. November 5, 2000.

For New Mom, A Special Day of Thanksgiving. Hartford Courant. November 23, 2000.

Mother give thanks, from bottom of new heart. New Haven Register. November 23, 2000.

Mom gets new heart to go with baby. Connecticut Post. November 24, 2000.

New mom goes home after heart transplant. New London Day. November 25, 2000.

New mom goes home for Thanksgiving after heart transplant. Norwich Bulletin. November 23,  
2000.

References in Newspapers/ Magazines (cont):

Curriculum Vitae  
J.A. Elefteriades, M.D.

Artificial Hearts and Heart Disease (interview). Discovery Health.com. Yale Perspectives: Views on Health News.

Blood Pressure: Yale doctors discover aortic aneurysms can be genetic (interview). New Haven Register, July 2, 2002.

NBC News New York: "Dr. John Elefteriades, one of the world's foremost cardiac surgeons...." November 20, 2002.

**Publications:**

1. Elefteriades JA, Panjabi MJ, Tilson MD: Reduced tensile strength of skin from the spontaneously aneurysm-prone blotchy mouse. *Surg Forum.* Vol. XXXIII:58-60, 1982.
2. Elefteriades JA, Spencer D, Gusberg R: Vertebral artery stenosis with brainstem ischemia: Anatomic and therapeutic implications. *Conn Med.* 46(11): 628-632, 1982.
3. Elefteriades JA, Kay HA, Stansel HC Jr., Geha AS: Extra-anatomical reconstruction for bilateral intrathoracic subclavian artery aneurysm. *Ann Thorac Surg.* 35(2): 188-191, 1983.
4. Gertler JP, Elefteriades JA, Kopf GS, Hashim SW, Hammond GL, Geha AS: Predictors of outcome in early revascularization after acute myocardial infarction. *Am J Surg.* 149:441-444, 1985.
5. August DA, Elefteriades JA: Technique to facilitate open placement of permanent pacing leads via cephalic vein. *Ann Thorac Surg.* 42:112, 1986.
6. Glenn WWL, Phelps ML, Elefteriades JA, Dentz B, Hogan J. Twenty years of experience in phrenic nerve stimulation to pace the diaphragm. *PACE,* 9:780-784, 1986.
7. Kopf GS, Hammond GL, Geha AS, Elefteriades JA, Hashim SW: Long term performance of the Saint Jude Medical Valve: Low incidence of thromboembolism and hemorrhagic complications on modest Coumadin dose. *Circulation.* 76 III:132-163, 1987.
8. Brill DA, Deckelbaum LI, Remetz MS, Soufer R, Elefteriades JA, Zaret BL: Recovery of severe ischemic ventricular dysfunction after coronary bypass grafting. *Am J Cardiol.* 61:651, 1988.
9. Vasscur BG, Elefteriades JA, Hammond GL, Havill A, Gillis CN: Pulmonary metabolic function can serve as a monitor for lung rejection. *Am Rev Resp Dis. Supp.* 137, 1:367, 1988.
10. Saksena S, Heselmeyer T, Elefteriades JA, et al. Long-term clinical experience with a versatile antitachycardia pacemaker for tachycardia termination, induction and monitoring multicenter study. *PACE,* April 1988.

Curriculum Vitae  
J.A. Elefteriades, M.D.

Publications (cont.):

11. Schulman DS, Remetz MD, Elefteriades JA, Francis CK: Mild mitral insufficiency is a marker of impaired left ventricular performance in aortic stenosis. *J Am Coll Cardiol.* 13(4): 96-801, 1989.
12. Chyatte D, Elefteriades JA: Profound hypothermia and circulatory arrest for aneurysm surgery. Technical note. *J Neurosurg.*, 70:489-491, 1989.
13. Lister G, Elefteriades JA, Kopf GS, Hammond GL, Ponn R, Saltiel A: Resuscitation of cold water immersion victims with cardiopulmonary bypass. *J Critical Care*, 4(1):54-57, 1989.
14. Elefteriades JA. Discussion of Miller JI: Phrenic nerve pacing of the quadriplegic patient. 69th Annual Meeting of the American Association for Thoracic Surgery. *J Thorac Cardiovasc Surg.* 99:39-40, 1990.
15. Elefteriades JA, Biblo LA, Batsford WP, Rosenfeld LE, Henthorn RW, Carlson MD, Waldo AL, Hsu J, Geha AS: Evolving patterns in the surgical treatment of malignant ventricular tachyarrhythmias. *Ann Thorac Surg.* 49:94-100, 1990.
16. Elefteriades JA, Gusberg RJ, Kopf GS, Hammond GL, Baldwin JC. Fenestration revisited: Procedure of choice for descending aortic dissection with blood flow compromise. *Arch Surg.* 125:786-790, 1990.
17. Letsou GV, West K, Hogan J, Condos S, Lee P, Baldwin JC, Elefteriades JA: Half cuff electrode stimulation of the thoracodorsal nerve for skeletal muscle ventricle is as effective as full cuff in dogs. April 1990. *FASEB Journal.* 4(4), A1094, 1990.
18. Letsou GV, Franco KL, Kopf GS, Dewar ML, Elefteriades JA, Hammond GL, Baldwin JC: Heart-lung transplantation: Initial experience in New England. *Conn Med.* 54:8, 419-424, 1990.
19. Rafferty T, Durkin M, Elefteriades J, Hines R, O'Connor TZ: Right ventricular wall motion following cardiopulmonary bypass: *Anesthesiology* 73:S3-A158, 1990.
20. Gertler J, Clemen M, Wohlgelernter D, Ezekowitz M, Elefteriades JA: Left main coronary artery rupture after percutaneous transluminal angioplasty. *J. Invasive Cardiol.* 3:2; 50-52, 1991.
21. Curiale S, Rosenfeld R, Elefteriades JA: A Cosmetic approach for placement of the AICD in young women. *Ann Thorac Surg.* 52:1340-1, 1991.
22. Rafferty T, Durkin M, Hines R, Elefteriades J, O'Connor T: Effects of pericardectomy on right ventricular dynamics. *Anesth Analg* 72:S218, 1991.

Curriculum Vitae  
J.A. Elefteriades, M.D.

Publications (cont.):

23. Elefteriades JA, Biblo LA, Batsford WP, Rosenfeld LE, Henthorn RW, Carlson MD, Waldo AL, Hsu J, Geha AS: Figures and tables from Evolving patterns in the surgical treatment of malignant ventricular tachyarrhythmias. *Curr Opinion Cardiol.* 6(2), 1991.
24. Higgins R, Letsou G, Detmer W, Dewar M, Hogan J, Carter D, Ariyan S, Elefteriades J: Accessory skeletal muscle ventricles for circulatory support: Early experience with SMV's in continuity with the circulation. *J Basic and Appl Myology.* 1(1):89-94, 1991.
25. Rafferty T, Durkin M, Harris S, Elefteriades JA, Hines R, O'Connor T: Differential ventricular cardioplegia preservation thresholds quantified by thermodilution and echocardiographic systolic performance indices. *Anesthesiology.* 75:8:S-3-A143, 1991.
26. Elefteriades JA, Hartleroad J, Gusberg RJ, Salazar AM, Black HR, Kopf GS, Baldwin JC, Hammond GL: Long-term experience with descending aortic dissection: the complication-specific approach. *Ann Thorac Surg.* 53:(1):11-21, 1992.
27. Letsou GV, Hogan JF, Lee P, Kim JH, Ariyan S, Dewar ML, Baldwin JC, Elefteriades JA: Comparison of 180° and 360° skeletal muscle nerve cuff electrodes. *Ann Thorac Surg.* 54:925-31, 1992.
28. Elefteriades JA, Hogan J, Handler A, Loke J: Long-term follow-up of diaphragm pacing in quadriplegia. (Brief communication.) *NEJM.* 326 (21):1433-1434, 1992.
29. Letsou GV, Kopf GS, Elefteriades JA, Carter JE, Baldwin JC, Hammond GL: Is cardiopulmonary bypass effective for treatment of hypothermic arrest due to drowning or exposure? *Arch Surg.* 127:525-528, 1992.
30. Higgins RS, Sanchez JA, Dejudice L, Dewar ML, Franco KL, Kopf GS, Elefteriades JA, Hammond GL, Baldwin JC: Mechanical circulatory support decreases neurologic complications in the management of traumatic injuries of the thoracic aorta. *Arch Surg.* 127:516-19, 1992.
31. Rafferty T, Durkin M, Sittig D, Ezekowitz M, LaMantia K, Davis E, Elefteriades JA: Transesophageal color flow-Doppler imaging of aortic insufficiency in cardiac surgery patients. *J Thorac Cardiovasc. Surg.* 104(2):521-525, 1992.
32. Rafferty T, Durkin M, Elefteriades JA, O'Connor T: Transesophageal echocardiographic evaluation of aortic valve integrity using antegrade crystalloid cardioplegia as an imaging agent. *Jour Thorac Cardiovasc Surg.* 104(3):637-641, 1992.
33. Geha AS, Elefteriades JA, Hsu J, Biblo LA, Hoch DH, et al: Strategies in the surgical treatment of malignant ventricular arrhythmias; an eight-year experience. *Ann Surg.* 216 (3), 309-17, 1992.

Curriculum Vitae  
J.A. Elefteriades, M.D.

Publications (cont.):

34. Rafferty T, Durkin M, Hines R, Elefteriades JA, Harris S: Thermodilution right ventricular ejection fraction measurement reproducibility: a study in coronary artery bypass graft surgery patients. Crit Care Med. 20:1524-1528, 1992.
35. Elefteriades JA, Kopf GS, Hammond GL, Dewar ML, Shaw RK, Baldwin JC: Composite graft with coronary button reimplantation: method of choice for aortic root replacement. Circ Suppl 86(4):I-306, 1992.
36. Perlmutter RA, Rosenfeld LE, Elefteriades JA, Wackers FJT, Batsford WP: Implanted defibrillator patches do not impair diastolic function. Circ Suppl 86(4)I-452, 1992.
37. Elefteriades JA, Handler A, Rosenfeld LE, Batsford WP: Extensive defibrillation threshold testing for AICD placement does not produce myocardial necrosis. European J Card Pacing and Electrophys. 2(2) A107, 1992.
38. Elefteriades JA, Cohen LS: Aortic dissections and aneurysms - Part I: Surgical and medical management of ascending and descending aortic dissection. Video Journal of Cardiology, 1(3), 1992.
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